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	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L1	(aminotransferase or transaminase) with aquifex	8

END OF SEARCH HISTORY

# Hit List

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Generate OACS				

Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20030040092 A1

Using default format because multiple data bases are involved.

L1: Entry 1 of 8

File: PGPB

Feb 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030040092

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030040092 A1

TITLE: Transaminases and aminotranferases

PUBLICATION-DATE: February 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Warren, Patrick V.	San Diego	CA	US	
Swanson, Ronald V.	Del Mar	CA	US	

US-CL-CURRENT: 435/193; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20020132295 A1

L1: Entry 2 of 8

File: PGPB

Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020132295

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020132295 A1

TITLE: Enzymes having transaminase and aminotransferase activity and methods of use thereof

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Short, Jay M.	Rancho Santa Fe	CA	US	
Warren, Patrick V.	Philadelphia	PA	US	
Swanson, Ronald V.	Media	PA	US	
Mathur, Eric J.	Carlsbad	CA	US	

US-CL-CURRENT: 435/69.1; 435/128, 435/193, 435/320.1, 435/325, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 3. Document ID: US 6268188 B1

L1: Entry 3 of 8

File: USPT

Jul 31, 2001

US-PAT-NO: 6268188

DOCUMENT-IDENTIFIER: US 6268188 B1

TITLE: Transaminases and aminotransferases

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 4. Document ID: US 6013509 A

L1: Entry 4 of 8

File: USPT

Jan 11, 2000

US-PAT-NO: 6013509

DOCUMENT-IDENTIFIER: US 6013509 A

TITLE: Transaminases and aminotransferases

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 5. Document ID: US 5962283 A

L1: Entry 5 of 8

File: USPT

Oct 5, 1999

US-PAT-NO: 5962283

DOCUMENT-IDENTIFIER: US 5962283 A

TITLE: Transaminases and aminotransferases

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 6. Document ID: US 5814473 A

L1: Entry 6 of 8

File: USPT

Sep 29, 1998

US-PAT-NO: 5814473

DOCUMENT-IDENTIFIER: US 5814473 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Transaminases and aminotransferases

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 7. Document ID: JP 2003000289 A

L1: Entry 7 of 8

File: JPAB

Jan 7, 2003

PUB-NO: JP02003000289A

DOCUMENT-IDENTIFIER: JP 2003000289 A

TITLE: TRANSAMINASE AND AMINOTRANSFERASE

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 8. Document ID: JP 2003000288 A

L1: Entry 8 of 8

File: JPAB

Jan 7, 2003

PUB-NO: JP02003000288A

DOCUMENT-IDENTIFIER: JP 2003000288 A

TITLE: TRANSAMINASE AND AMINOTRANSFERASE

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
(aminotransferase or transaminase) with aquifex	8

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fields  
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NEWS 8 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal  
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NEWS 10 SEP 01 New pricing for the Save Answers for SciFinder Wizard within  
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=> s (aminotransferase or transaminase)(5a) aquifex  
L1 6 (AMINOTRANSFERASE OR TRANSAMINASE)(5A) AQUIFEX

=> dup rem l1  
PROCESSING COMPLETED FOR L1  
L2 4 DUP REM L1 (2 DUPLICATES REMOVED)

=> d 1-4

L2 ANSWER 1 OF 4 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN  
DUPLICATE 1  
AN 2003-08950 BIOTECHDS  
TI Novel purified aminotransferase or transaminase polypeptides, useful for  
catalyzing transfer of amino groups from alpha-amino to alpha-keto acids,  
and for modifying small molecules;  
recombinant enzyme protein production and vector expression in host  
cell for small molecule modification  
AU SHORT J M; WARREN P V; SWANSON R V; MATHUR E J  
PA SHORT J M; WARREN P V; SWANSON R V; MATHUR E J  
PI US 2002132295 19 Sep 2002  
AI US 2001-905173 12 Jul 2001  
PRAI US 2001-905173 12 Jul 2001; US 1996-599171 9 Feb 1996  
DT Patent  
LA English  
OS WPI: 2003-182286 [18]

L2 ANSWER 2 OF 4 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN  
AN 2000:313825 BIOSIS  
DN PREV200000313825  
TI Transaminases and aminotransferases.  
AU Warren, Patrick V. [Inventor, Reprint author]; Swanson, Ronald V.  
[Inventor]  
CS Philadelphia, PA, USA  
ASSIGNEE: Diversa Corporation  
PI US 6013509 January 11, 2000  
SO Official Gazette of the United States Patent and Trademark Office Patents,  
(Jan. 11, 2000) vol. 1230, No. 2. e-file.  
CODEN: OGUPE7. ISSN: 0098-1133.  
DT Patent  
LA English  
ED Entered STN: 26 Jul 2000  
Last Updated on STN: 7 Jan 2002

L2 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2004 ACS on STN  
AN 1999:635429 HCAPLUS  
DN 131:271015  
TI Transaminases and aminotransferases  
IN Warren, Patrick V.; Swanson, Ronald V.  
PA Diversa Corporation, USA  
SO U.S., 39 pp., Cont.-in-part of U.S. 5,814,473.  
CODEN: USXXAM

DT Patent  
LA English  
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5962283	A	19991005	US 1996-646590	19960508
	US 5814473	A	19980929	US 1996-599171	19960209
	CA 2246243	AA	19970814	CA 1997-2246243	19970121
	WO 9729187	A1	19970814	WO 1997-US1094	19970121
	W: AU, CA, IL, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9718367	A1	19970828	AU 1997-18367	19970121
	AU 718147	B2	20000406		
	JP 2000505291	T2	20000509	JP 1997-528527	19970121
	JP 3414405	B2	20030609		
	EP 1015563	A1	20000705	EP 1997-903936	19970121
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2003000288	A2	20030107	JP 2002-137783	19970121
	JP 2003000289	A2	20030107	JP 2002-137827	19970121
	US 6268188	B1	20010731	US 1999-412184	19991004
	US 2002132295	A1	20020919	US 2001-905173	20010712
PRAI	US 1996-599171	A2	19960209		
	US 1996-646590	A	19960508		
	JP 1997-528527	A3	19970121		
	WO 1997-US1094	W	19970121		
	US 1998-69226	A1	19980427		
	US 1999-389537	A2	19990902		
	US 1999-412184	A2	19991004		
	US 2000-481733	A2	20000111		

L2 ANSWER 4 OF 4 BIOTECHDS COPYRIGHT 2004 THE THOMSON CORP. on STN  
DUPLICATE 2

AN 1997-11474 BIOTECHDS  
TI Novel transaminases and aminotransferases;  
recombinant thermostable enzyme production

AU Warren P V; Swanson R V  
PA Recombinant-Biocatalysis  
LO La Jolla, CA, USA.

PI WO 9729187 14 Aug 1997

AI WO 1997-US1094 21 Jan 1997

PRAI US 1996-646590 8 May 1996; US 1996-599171 9 Feb 1996

DT Patent  
LA English

OS WPI: 1997-415343 [38]

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NTIS, ESBIODBASE, BIOTECHNO, WPIDS' ENTERED AT 21:19:20 ON 05 NOV 2004

L1 6 S (AMINOTRANSFERASE OR TRANSAMINASE)(5A) AQUIFEX  
L2 4 DUP REM L1 (2 DUPLICATES REMOVED)

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COST IN U.S. DOLLARS

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ENTRY

SESSION

FULL ESTIMATED COST

21.90

22.11

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